

# ITS d.o.o. Siemens Digital Industry Software

industrijski tehnološki sistemi

Partner

Digital Industries Software

SIEMENS



# Siemens Industry Software main products

Partner

Digital Industries Software

SIEMENS



DIGITAL PRODUCT DEVELOPMENT

**NX**



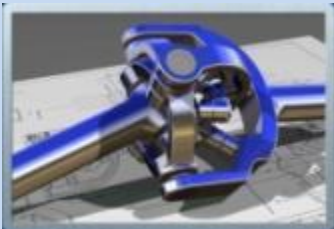
DIGITAL PRODUCTION (Assembly, Plant)

**TECNOMATIX**



Product Lifecycle Management

**TEAMCENTER**



Main-stream

Solid Edge, Femap

# Siemens DI SW users

Partner  
Digital Industries Software



## AEROSPACE DEFENSE



## AUTOMOTIVE TRANSPORT



## MACHINERY & INDUSTRIAL PRODUCTS



## HIGH TECH ELECTRONICS



## Consumer Products, Retail & Life Sciences



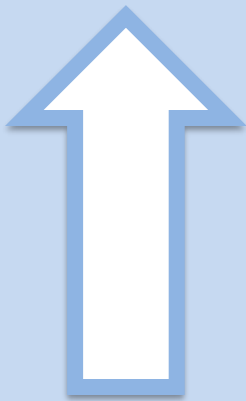
# iTS d.o.o.

ITS founded  
(partner SDRC)



1991

UGS partner  
(ITCR founded)



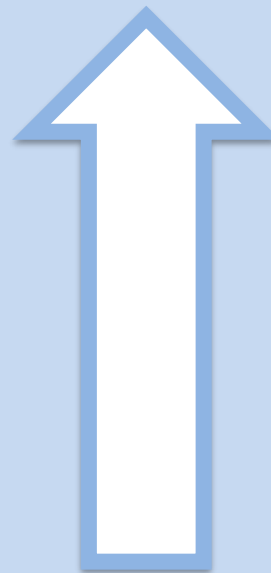
2002

First  
Teamcenter  
project



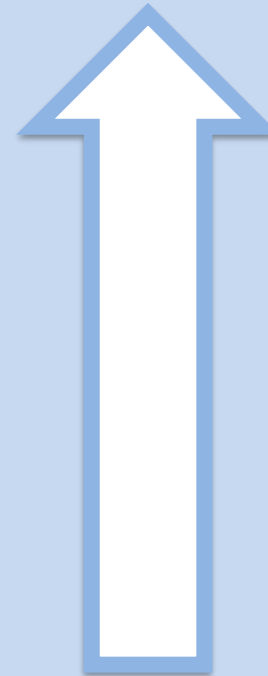
2004

Distributor  
Siemens PLM



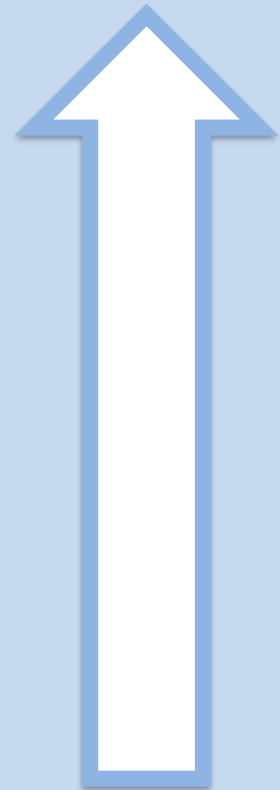
2008

First  
Tecnomatix  
project



2012

Integrated  
Manufacturing



2020

Nekateri naši večji uporabniki:

**iTS** d.o.o.  
industrijski tehnološki sistemi

**MAHLE**

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Gorenje Orodjarna, d.o.o.

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**Albatros**·PRO

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**HORJAK** **PRECISE**  
Stremimo k popolnosti

 **STEKLARNA HRASTNIK**

 1665  
**ROGASKA** 

**ARCONT**

# Shaping the Future of Manufacturing – A history of systematic portfolio expansion through acquisitions

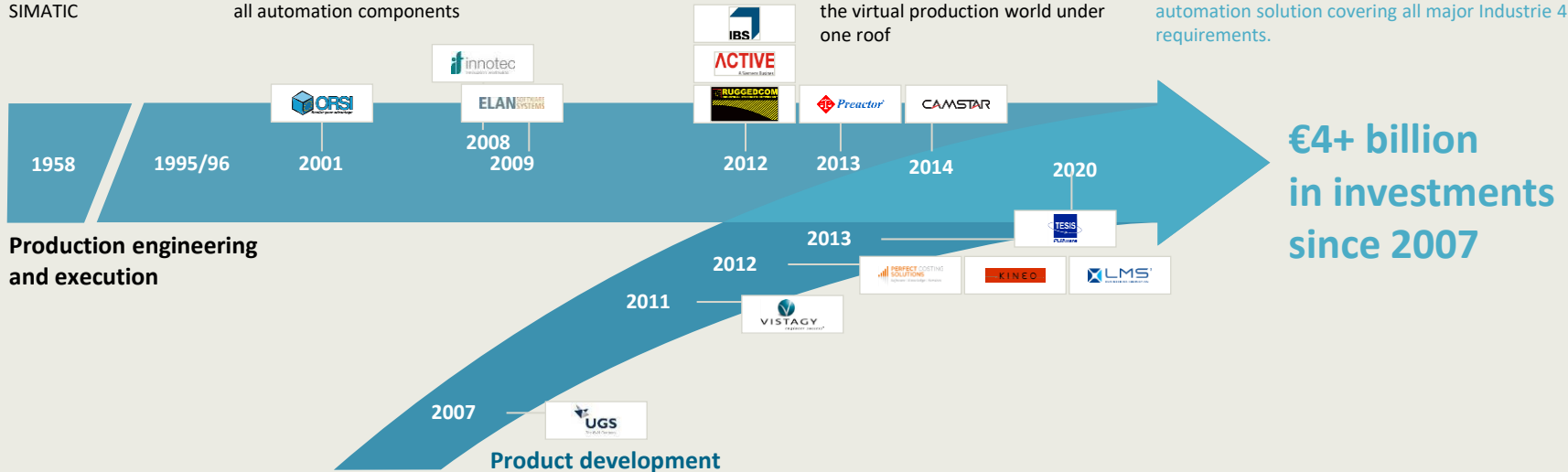
**1958** – Start of production automation: Siemens receives the patent for SIMATIC

**1996** – Totally Integrated Automation (TIA) enables inter-operability between all automation components

**2009** – TIA Portal provides access to all automation tasks

**2014** – Siemens is currently the only company whose technologies combine the real and the virtual production world under one roof

**Future** – virtual and real production worlds increasingly merge. The Digital Enterprise Software Suite helps to digitalize the entire value chain offering a holistic automation solution covering all major Industrie 4.0 requirements.



**From Vision to Reality – with a holistic portfolio of PLM software, Manufacturing Execution System and automation technology.**

# Siemens Industry Software



**Teamcenter Digital Enterprise Backbone**  
(cPDM –collaborative Product Definition Management)

**NX**  
(CAD-CAE-CAM)

**LMS**  
(Simulation and Testing)

**Tecnomatix**  
(DM – Digital Manufacturing)

**LMS**

**Enterprise Level**



**SIMATIC IT**  
Manufacturing Execution System

**IBS**  
Quality Management System

**IBS**

**Management Level**



**TIA Portal**  
Engineering Framework

**Plant Data Services**

**SIMATIC/ SINUMERIK/  
SINAMICS/ SIRIUS**

**Shop-floor**

Product design

Production planning

Production engineering

Production execution

Service and support

# Digitalizacija v industriji – izzivi in rešitve

## AGENDA

<b>Registracija</b>	<b>8:30</b>
Uvod in pozdravno sporočilo <i>Bojan Veselič, direktor ITS d.o.o.</i>	9:00
Novice in trendi iz Siemens DI SW <i>Juraj Medvedsky, Siemens DI SW.</i>	9:05
CAD predstavitev	9:25
<ul style="list-style-type: none"><li>Dvorana 1: NX CAD – prikaz izbranih aplikacij <i>Patrick Davey, Siemens DI SW.</i></li><li>Dvorana 2: Solid Edge – prikaz izbranih aplikacij <i>Danilo Širec, ITS</i></li></ul>	
<b>Odmor</b>	<b>11:00</b>
Teamcenter – sistem za PLM in za pripravo proizvodnje <i>Janez Škrbec, Bojan Veselič, ITS d.o.o.</i>	11:30
Plant Simulation – orodje za več kot samo analizo proizvodnih linij <i>Hugo Zupan, DIGITEH d.o.o.</i>	12:30
<b>Kosilo</b>	<b>13:00</b>
Izzivi in pasti digitalizacije v proizvodnih podjetjih <i>Prof.dr. Niko Herakovič, Univerza v Ljubljani</i>	13:30
Integrirane rešitve za proizvodnjo posameznih komponent <i>Patrick Davey, Siemens DI SW</i>	14:00
Uporaba digitalnega dvojčka za avtomatizacijo planiranja proizvodnje <i>Hugo Zupan, DIGITEH d.o.o.</i>	14:50
Vprašanja in odgovori	15:15
<b>Zaključek</b>	<b>15:30</b>